

MATERIAL SAFETY DATA SHEET

Section I - Product Identification



AUTOMOTIVE PRODUCTS®

CHLORINE BLEACH

Part number 210

SUNBELT CHEMICALS, INC.
71 HARGROVE GRADE
PALM COAST, FL 32137-5101
PHONE: (804) 448-4585

Section II - Hazardous Components

INGREDIENT	CAS #	% BY WEIGHT	EXPOSURE LIMITS	
			PEL	TLV
Sodium hypochlorite	07881-52-9	5.25	5 ppm	15 ppm

None of the ingredients of this product are on the NTP, IARC or OSHA carcinogen lists.

Report suggest that a low potential for sensitization exists upon exaggerated exposure to sodium hypochlorite, if skin damage occurs during exposure

Section III - Physical Data

APPEARANCE: Light yellow to greenish clear liquid, with characteristic chlorine odor

SPECIFIC GRAVITY: 1.08 - 1.2

WATER SOLUBILITY: 100 %

FREEZE POINT: -9°C

VAPOR DENSITY: 19.2 (air = 1)

VAPOR PRESSURE: N/A

pH RANGE: 10 - 12

PERCENT VOLATILE: 100 %

BOILING POINT: > 212°F

EVAPORATION RATE: <1
(butyl acetate = 1)

Section IV - Health Hazard Data

PRIMARY ROUTES OF ENTRY: Skin and eye contact, inhalation, ingestion.

EFFECTS OF ACUTE OVEREXPOSURE:

INHALATION: Excessive breathing of vapors may cause nasal and respiratory irritation, and aggravate chronic respiratory problems, such as asthma. **DO NOT BREATHE VAPORS OR MISTS**

EYES: Contact may cause severe irritation, redness, tearing, and blurred vision. **DO NOT GET INTO EYES**

SKIN: Prolonged or repeated contact may cause moderate irritation, redness, itching, and contact dermatitis.

DO NOT GET ON SKIN

INGESTION: Swallowing can cause severe gastrointestinal irritation, nausea, vomiting, and diarrhea.
DO NOT INGEST

FIRST AID MEASURES:

INHALATION: Remove victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped start artificial respiration. **SEEK MEDICAL ATTENTION**

EYE CONTACT: Flush eyes with large volumes of running water, for at least 15 minutes, while holding eyelids and rolling eyes. If irritation persists, **SEEK MEDICAL ATTENTION**

SKIN CONTACT: Wash exposed area with soap and water. Remove contaminated clothing. If irritation persists, **SEEK MEDICAL ATTENTION**

Section V - Fire and Explosion Data

HFA RATINGS: Health - 2 Flammability - 0 Reactivity - 2

FLASH POINT: N/A

IGNITION TEMPERATURE: N/A

UPPER FLAMMABLE LIMIT: N/A

LOWER FLAMMABLE LIMIT: N/A

This product is non-combustible. Water may be used to keep fire exposed containers cool to prevent rupture.
This product decomposes when heated to high temperatures.

Section VI - Reactivity

This product is stable under normal use conditions. Hazardous polymerization cannot occur.

This product is incompatible with acids and organic materials.

Contact with organic materials may result in fire.

Do not mix this product with other cleaners or chemicals, toxic fumes may be emitted.

Contact with acids may generate toxic fumes.

Section VII - Spill and Leak Procedure

Prevent run-off from reaching sewers, streams and other bodies of water. Notify proper authorities if a large spill occurs. Inorganic absorbent barrier material may be used to absorb small spills. Larger spills may be contained with inorganic barrier materials and diluted with water before pumping into polyethylene drums or tanks for disposal. This material may be neutralized with sodium bisulfite or other reducing agents. Dispose of this material, and contaminated absorbents accordance with applicable Federal, State, and Local regulations.

Section VIII - Handling and Storage

Transport, handle and store in accordance with OSHA 29 CFR 1910.106 and applicable DOT regulations. This product is classified as a cleaning compound.

DOT Hazard Class 8, Corrosive Liquid

ID # UN1791

ERG # 60

Section IX - Precautionary Statements

WARNING CORROSIVE

STRONG OXIDIZING AGENT

HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS

DANGER POISON - KEEP OUT OF REACH OF CHILDREN

MAY CAUSE IRRITATION OR BURNS TO SKIN AND EYES

Keep container closed when not on use. Avoid contact with skin and eyes, wear chemical splash goggles and gloves to prevent contact. Use only in well ventilated areas. Avoid prolonged breathing of vapor or mist. Keep head away from container opening when dispensing. Wash thoroughly after handling, and before eating or smoking.

Section X - References

Code of Federal Regulations - Department of Transportation
Code of Federal Regulations - Environmental Protection Agency
Code of Federal Regulations - Occupational Safety and Health Administration
NIOSH/OSHA Guidelines for Chemical Hazards
Florida Statutes, Chapter 442, Worker Right-To-Know